

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method of producing a printed packaging material comprising, in sequence:
  - applying an actinic radiation activatable liquid ink to a packaging material;
  - exposing the ink to first actinic radiation;
  - applying an energy-curable coating over the ink; and
  - curing the coating with second actinic radiation;wherein the ink is substantially free of curable functionality.
2. (Original) The method of claim 1, wherein the packaging material is a thermoplastic flexible film, and wherein a to-be-packaged substance is enclosed within the plastic film subsequent to the actinic radiation curing thereof.
3. (Original) The method of claim 1, wherein the packaging material is a foil laminate paper or paper plastic laminate, and wherein a to-be-packaged substance is enclosed within the plastic film subsequent to the actinic radiation curing thereof.
4. (Original) The method of claim 1, wherein the first actinic radiation is UV light.
5. (Original) The method of claim 1, wherein the second actinic radiation is an electron beam.
6. (Original) The method of claim 1, wherein the second actinic radiation is UV light.
7. (Original) The method of claim 1, wherein the energy-curable coating is free of pigment.
8. (Original) The method of claim 1, wherein the liquid ink is applied more than once.
9. (Original) The method of claim 1, wherein the liquid ink is solvent-based.

10. (Original) The method of claim 1, wherein the liquid ink is water-based.
11. (Currently amended) A printed packaging material produced according to the method of claim 1.
12. (Currently amended) The printed packaging material of claim 11, wherein the packaging material contains less than 700 ppm total of residual solvent or water.
13. (Currently amended) The printed packaging material of claim 12, wherein the packaging material contains less than 600 ppm total of residual solvent or water.
14. (Currently amended) The printed packaging material of claim 13, wherein the packaging material contains less than 500 ppm total of residual solvent or water.
15. (Currently amended) The printed packaging material of claim 11, wherein the packaging material has a degree of cure of at least 5 MEK rubs.
16. (Currently amended) The printed packaging material of claim 15, wherein the packaging material has a degree of cure of at least 10 MEK rubs.
17. (Currently amended) The printed packaging material of claim 16, wherein the packaging material has a degree of cure of at least 20 MEK rubs.
18. (Previously presented) The method of claim 1, wherein the exposure to the first actinic radiation and curing with the second actinic radiation is such that the packaging material contains less than 700 ppm total of residual solvent or water.
19. (Currently amended) The method of claim 1 A method of producing a printed packaging material comprising, in sequence:  
applying an actinic radiation activatable liquid ink to a packaging material;  
exposing the ink to first actinic radiation;  
applying an energy-curable coating over the ink; and

curing the coating with second actinic radiation;  
wherein the ink is substantially free of curable functionality,  
wherein the exposure to the first actinic radiation and curing with the second actinic  
radiation is such that the packaging material contains less than 700 ppm total of  
residual solvent or water, and

wherein the exposure to the first actinic radiation and curing with the second actinic radiation is such that the packaging material has a degree of cure of at least 5 MEK rubs.

20. (Currently amended) The method of claim 1, A method of producing a printed  
packaging material comprising, in sequence:

applying an actinic radiation activatable liquid ink to a packaging material;  
exposing the ink to first actinic radiation;  
applying an energy-curable coating over the ink; and  
curing the coating with second actinic radiation;

wherein the ink is substantially free of curable functionality, and

wherein the actinic radiation activatable liquid ink is photoinitiator-free and the first actinic radiation is UV light, and wherein the exposure to the first actinic radiation and curing with the second actinic radiation is such that the packaging material contains less than 500 ppm total of residual solvent or water and a degree of cure of at least 20 MEK rubs.